

AMENDMENTS TO THE CLAIMS

1. (original) A golf ball comprising a rubber composition obtained by blending 10 to 50 parts by mass of a co-crosslinking agent and 0.1 to 6 parts by mass of a crosslinking initiator with 100 parts by mass of a rubber component; wherein said rubber component contains at least 80 mass percent of hydrogenated polybutadiene, and

said hydrogenated polybutadiene has a double bond residual rate of 80 to 99% and cis-1,4-structure content rate of at least 90%.

2. (original) The golf ball according to claim 1, wherein said co-crosslinking agent is α , β -unsaturated carboxylic acid or a metal salt of the α , β -unsaturated carboxylic acid.

3. (original) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 85 to 99%.

4. (original) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a cis-1,4-structure content rate of at least 95%.

5. (original) A golf ball formed by a core and a cover placed around said core and fabricated with the rubber composition according to claim 1 for said core.

6. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 90 to 99%.

7. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 93 to 99%.

8. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 95 to 99%.

9. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 85 to 98%.

10. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 85 to 97%.

11. (new) The golf ball according to claim 1, wherein said hydrogenated polybutadiene has a double bond residual rate of 85 to 95%.

12. (new) The golf ball according to claim 1, wherein
said hydrogenated polybutadiene has a cis-1,4-structure content rate of 95 to 99%.

13. (new) The golf ball according to claim 1, wherein
said hydrogenated polybutadiene has a cis-1,4-structure content rate of 96 to 99%.